



**IN THE UNITED STATES**  
**PATENT AND TRADEMARK OFFICE**

4/12  
CSC  
10/24

Applicant: **Shuo-Yen Robert Li**

Case: **3**

Serial No. **09/882,104**

Filed: **June 15, 2001**

Group Art Unit:

Examiner:

Title of Invention: **A CONDITIONALLY NONBLOCKING SWITCH OF THE  
COMPRESSOR TYPE**

**THE COMMISSIONER OF PATENTS AND TRADEMARKS**  
**WASHINGTON, D.C. 20231**

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**SIR:**

**PRELIMINARY AMENDMENT**

Enclosed is a Preliminary Amendment in the above-identified application.  
Please amend the application as follows.

In the Specification:

Replace pages 8 and 9 with the following:

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-- SUMMARY OF THE INVENTION

The shortcomings of the prior art, as well as other limitations and  
deficiencies, are obviated in accordance with the present invention by applying algebraic  
principles to the physical realization of a large switching fabric based upon contemporary  
technologies.

In accordance with a broad method aspect of the present invention, a  
method for implementing a class of  $N \times N$  compressors each serving a connection request